

COC # 169

# CHAIN OF CUSTODY REPORT

11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244  
East 11115 Montgomery, Suite B, Spokane, WA 99206-4776  
9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132  
20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

(425) 420-9200 (420-9210)  
(509) 924-9200 (924-9210)  
(503) 906-9200 FAX 906-9210  
(541) 383-9310 FAX 382-7588

Work Order #: M107029

CLIENT: Bristol		INVOICE TO: Bristol										<b>TURNAROUND REQUEST in Business Days*</b> Organic & Inorganic Analyses <div style="display: flex; justify-content: space-around;"> <div>10 7 5 4 3 2 1 &lt;1</div> <div>STD.</div> <div>5 4 3 2 1 &lt;1</div> </div> Petroleum Hydrocarbon Analyses <div style="display: flex; justify-content: space-around;"> <div>5 4 3 2 1 &lt;1</div> <div>STD.</div> <div>OTHER</div> <div>Please Specify</div> </div>									
REPORT TO: Anne Krawawetten		P.O. NUMBER: 21090																			
ADDRESS: Amchitha Island, Ak																					
PHONE: 907 770-0974		FAX: 770-0975																			
PROJECT NAME: Amchitha		REQUESTED ANALYSES																			
PROJECT NUMBER: 21090																					
SAMPLED BY: sam/ATK																					
CLIENT SAMPLE IDENTIFICATION		SAMPLING DATE/TIME												MATRIX (W, S, O)		# OF CONT.		COMMENTS		NCA WO ID	
1. OIAmC401SL		7/13/01 1650		X										S		1					
2.																					
3.																					
4.																					
5.																					
6.																					
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12.																					
13.																					
14.																					
15.																					
RELINQUISHED BY: [Signature]				DATE: 7/13/01				RECEIVED BY: [Signature]				DATE: 7/13/01									
PRINT NAME: Charlie Marshall				FIRM: Bristol				TIME: 1702				PRINT NAME: Stephen Wicks				FIRM: NCA					
RELINQUISHED BY:				DATE:				RECEIVED BY:				DATE:									
PRINT NAME:				FIRM:				TIME:				PRINT NAME:				FIRM:					
ADDITIONAL REMARKS: Mystery C-4 UST / wooden crib / sump.														TEMP:		PAGE OF					

\*Turnaround Requests less than standard may incur Rush Charges.



**Seattle** 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-9223  
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541.383.9310 fax 541.382.7588

7 December, 2001

Anne Kranawetter  
Bristol Environmental & Engineering  
2000 W International Airport C#1  
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 07/13/01 17:02. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson  
Environmental Group Leader

Work Orders included in this report:

**M107029**



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Bristol Environmental & Engineering  
2000 W International Airport C#1  
Anchorage, AK 99502-1116

Project: Amchitka  
Project Number: 21090  
Project Manager: Anne Kranawetter

**Reported:**  
07/14/01 11:38

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMC401SL	M107029-01	Soil	07/13/01 16:50	07/13/01 17:02

COC #169

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**North Creek Analytical, Inc.**  
**Environmental Laboratory Network**

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**Hydrocarbon Identification per NW-TPH Methodology**  
**North Creek Analytical - Mobile Lab**

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
<b>01AMC401SL (M107029-01) Soil</b>					Sampled: 07/13/01 Received: 07/13/01			<b>D-14</b>	
<b>Gasoline Range Hydrocarbons</b>	<b>236</b>	20.0	mg/kg	1	NWTPH HCID	07/13/01	07/13/01	0107052	
<b>Diesel Range Hydrocarbons</b>	<b>1350</b>	50.0	"	"	"	"	"	"	
<b>Heavy Oil Range Hydrocarbons</b>	<b>870</b>	100	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>105 %</i>	<i>50-150</i>							

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07/14/01 11:38

### Hydrocarbon Identification per NW-TPH Methodology - Quality Control

#### North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 0107052 - TPH-HCID (WA)

##### Blank (0107052-BLK1)

Prepared & Analyzed: 07/13/01

Gasoline Range Hydrocarbons	ND	20.0	mg/kg
Diesel Range Hydrocarbons	ND	50.0	"
Heavy Oil Range Hydrocarbons	ND	100	"

<i>Surr: 1-Chlorooctadecane</i>	<i>9.67</i>		<i>"</i>	<i>9.46</i>	<i>102</i>	<i>50-150</i>
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North Creek Analytical - Mobile Lab

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### Notes and Definitions

D-14 Hydrocarbon pattern and range are consistent with kerosen-like range fuel with mixture of diesel range fuel and oil range fuel. Three different fuel patterns could be seen this sample..

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

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### Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M107029 FINAL 07 14 01 1138.mdb Default Report (not modified)
M107029-01	NW-HCID mod		D-14